

Notice of Allowability

Application No.

09/838,553

Examiner

Duc T. Duong

Applicant(s)

CHOI ET AL.

Art Unit

2663

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/23/05.
2. ☒ The allowed claim(s) is/are 1,4-10,12-22,24-31 and 33-35.
3. ☒ The drawings filed on 20 April 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Daniel Kim on June 27, 2005.

2. The application has been amended as follows:

In claim 31, line 7, after the word "Message" inserted --using the indicator in the received In-traffic System Parameter Message and an indicator of a dormant packet data session concurrent with the active call--.

Claim 32 is cancelled.

In claim 33, line 1, the number "32" is deleted and inserted with --31--.

The above amendment was made to place the claims allowable.

Allowable Subject Matter

3. Claims 1, 4-10, 12-22, 23-31, and 33-35 are allowed.

The following is an examiner's statement of reasons for allowance: The prior art of record fails to teach or make obvious the step of or means for **"comparing a packet zone identifier of a packet data call transmitted from the second base station with a packet zone identifier of a dormant packet data call that is concurrent with the active voice call and maintained by the mobile station, said packet zone**

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identifiers uniquely identifying a packet control function coverage area", when the comparing is considered within the specific structure of the method recited in claim 1.

The prior art of record fails to teach or make obvious the step of or means for

"receiving an In-traffic Parameter System from the second base station, said in-traffic System Parameter Message including a packet zone identifier designating a zone coverage for a packet control function processing packet data of the second base station", when the receiving is considered within the specific structure of the method recited in claims 7 and 22 or the device recited in claim 24. The prior art of record fails to teach or make obvious the step of or means for **"completing a dormant handoff using a Packet Control Function of the concurrent dormant packet data call when the packet zone identifiers are different from each other"**, when the completing is considered within the specific structure of the method recited in claim 18.

The prior art of record fails to teach or make obvious the step of or means for

"detecting a change in the packet zone based on the received In-traffic System Parameter Message using the indicator in the received In-traffic System Parameter Message and an indicator of a dormant packet data session concurrent with the active data call", when the detecting is considered within the specific structure of the method recited in claim 31.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duc T. Duong whose telephone number is 571-272-3122. The examiner can normally be reached on M-F (9:00 AM-5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Q. Ngo can be reached on 571-272-3139. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DD

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RICKY NGO
PRIMARY EXAMINER

8/27/05